



Design for Six Sigma (DFSS)

March 8, 9, 10, 2021 | April 12, 13, 14, 2021 | 8:30 am – 4:30 pm

Location:

Manufacturers Resource Center
7200A Windsor Drive | Allentown, PA 18106

www.mrcpa.org/events



DFSS, or Design for Six Sigma, is a method that has evolved from a core Six Sigma DMAIC approach to process improvement. DFSS is a collection of sophisticated tools that integrate with your existing product design processes, from concept to launch of production, focusing on achieving the nexus of flawless production, optimal product performance, and delighted customers at minimal cost.

Utilizing an IDDOV (Identify, Define, Develop, Optimize and Verify) approach, the course blends the use of collaborative and management system methods with analytical tools to ensure that all critical product characteristics are prioritized and managed through the development process and controlled in production.

The course consists of 2, 3-day sessions which take participants through a journey from capturing voice of the customer through concept development with techniques to predict product manufacturing capability and performance in the field. The second session is more analytical as it couples experimental design and statistical analysis methods for robust design with approaches to design for manufacturability and control systems to ensure optimal product performance and to support ongoing continuous improvement. The course is interactive and hands-on; students will utilize Excel and Minitab statistical software to experience the core concepts.

Student Requirements:

Students should be Black Belts or rigorously trained Green Belts. Engineering applications experience is helpful but not required. All students will need laptop computers with Minitab version.

Cost: \$2,600/person if registered by February 1, 2021 | \$2,800 /person after February 1, 2021

Instructor: Robert Tripp, Six Sigma Consultant, Certified Master Black Belt

For more details, course outline, and to register, please go to: <https://www.mrcpa.org/events/>